42. The embolic filtering device of claim 41, wherein said mesh is spherical, with an open interior.

43. The embolic filtering device of claim 41, wherein said mesh comprises a first diameter portion and a second diameter portion, said second diameter portion being disposed within the first diameter portion.

44. The embolic filtering device of claim 1, wherein said frame and mesh are comprised of at least one of metal, fabric, and polymer.

45. The embolic filtering device of claim 44, wherein said metal is at shape memory metal.

46. The embolic filtering device of claim 45, wherein said shape memory metal is nitinol.

47. The embolic filtering device of claim 44, wherein said metal is a non-shape memory metal.

48. The embolic filtering device of claim 47, wherein said non-shape memory metal

is selected from the group consisting of elgiloy, cobalt chromium, and stainless steel.

49. The embolic filtering device of claim 1, wherein said device is collapsible into a catheter and capable of expanding to a relaxed state as said device is released from said catheter.

50. The embolic filtering device of claim 1, wherein a first portion of said mesh is secured by a first fastener, a second portion of the mesh overlaps said first portion of said mesh and secured by a second fastener to form, and a third portion of said mesh is extended over said first and second portions of said mesh and secured by a third fastener.

51. The embolic filtering device of claim 1, wherein said mesh is secured to said frame.

52. The embolic filtering device of claim 1, wherein said embolic filtering device is deliverable to within, proximate to, and/or adjacent to the passage between a venous blood pool and an arterial blood pool.

53. The embolic filtering device of claim 52, wherein said passage is a passage defined by a septal defect.

54. The embolic filtering device of claim 53, wherein said septal defect is selected from the group consisting of: a patent foramen ovale.

55. The embolic filtering device of claim 15, wherein at least a portion of at least one of said frame and mesh is radiopaque.

56. The embolic filtering device of claim 1, wherein said mesh is comprised of foam.

57. The embolic filtering device of claim 1, wherein at least one of said frame and said mesh are coated with an anticoagulant.

58. The embolic filtering device of claim 1, wherein at least one of said frame and mesh are coated with at least one of thrombin, collagen, hyluron or a host growth factor.

59. The embolic filtering device of claim 1, wherein said mesh if formed of a plurality of strands, said plurality of strands being impermeable to emboli.

60. The embolic filtering device of claim 1, wherein at least one said first base and said second base is attachable to a delivery device.

61. The embolic filtering device of claim 1, comprising a plug within the interior of said mesh, said plug being comprised of at least one of collagen, fabric, an adhesive, polymer, or foam.

62. A method of preventing passage of emboli between a venous blood pool and an arterial blood pool comprising the steps of:

delivering the embolic filtering device of claim 1 to within, proximate to, and/or adjacent to a passage between a venous blood pool and an arterial blood pool;

securing said embolic filtering device within, proximate to, and/or adjacent to said passage.

63. The method of claim 62, wherein said embolic filtering device is delivered by means of a catheter to within and/or adjacent to said passage.

64. The method of claim 62, wherein said embolic filtering device is secured within and/or adjacent to said passage by said at least two anchors.

65. The method of claim 62, wherein said passage is within the lungs.

66. The method of claim 62, wherein said passage is within the heart

67. The method of claim 62, wherein said passage is a passage defined by a septal defect.

68. The method of claim 62, wherein said septal defect is a patent foramen ovale.

69. The embolic filtering device of claim 1 or 2, wherein said mesh comprises polyester, nylon, polytetrafluoroethylene (PTFE), polyurethane, polyaryletheretherketone (PEEK), and polyglycolic acid (PGA), polylactide (PLA), polyepsilon-caprolactone, polyethylacrylate (PEA).

70. The embolic filtering device of claim 12, wherein said mesh is co-braided with at least one of platinum or a platinum alloy.

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